ABSTRACT

The invention provides a compound having excellent electron transport ability which is useful for applications of electrophotographic photoreceptor. Also, the invention provides a positive charge type electrophotographic photoreceptor with high sensitivity for copiers and printers by using such a novel organic material as a charge transport substance in a photosensitive layer and an electrophotographic apparatus using the same.

The compound is a novel compound having a structure represented by the following general formula (I).

(In the general formula (I), R^1 , R^2 , R^3 , and R^4 each represents an alkyl group or the like; R^5 and R^6 each represents an aryl group or the like; Z represents a structure represented by the following general formula (F-A), (F-B) or (F-C).

$$(F-A) \qquad (F-B) \qquad (F-C)$$

(In the formulae, R^7 and R^8 each represents an optionally substituted alkyl group; \underline{m} and \underline{n} each represents an integer of from 0 to 2; and X represents a sulfur atom or an oxygen atom.))